

SEQ ID NO:1. Human Hepsin DNA Sequence: The GenBank Accession No. for human hepsin mRNA (cDNA) is M18930:

5 1 TCGAGCCCGC TTTCCAGGGA CCCTACCTGA GGGCCCACAG GTGAGGCAGC CTGGCCTAGC
61 AGGCCCCACG CCACCGCCTC TGCCTCCAGG CCGCCCGCTG CTGCGGGGCC ACCATGCTCC
121 TGCCAGGCC TGGAGACTGA CCCGACCCCG GCACTACCTC GAGGCTCCGC CCCACCTGC
181 TGGACCCAG GGTCCACCC TGGCCAGGA GGTGAGCCAG GGAATCATT ACAAAGAGGCA
241 GTGACATGGC GCAGAAGGAG GGTGGCCGGA CTGTGCCATG CTGCTCCAGA CCCAAGGTGG
301 CAGCTCTCAC TGCAGGGACC CTGCTACTTC TGACAGCCAT CGGGGCGGCA TCCTGGGCCA
10 361 TTGTGGCTGT TCTCTCAGG AGTGACCAGG AGCCGCTGTA CCCAGTGCAG GTCAGCTCTG
421 CGGACGCTCG GCTCATGGTC TTTGACAAGA CGGAAGGGAC GTGGCGGCTG CTGTGCTCCT
481 CGCGCTCCAA CGCCAGGGTA GCCGGACTCA GCTGCGAGGA GATGGGCTTC CTCAGGGCAC
541 TGACCCACTC CGAGCTGGAC GTGCGAACGG CGGGCGCCAA TGGCACGTCG GGCTTCTTCT
601 GTGTGGACGA GGGGAGGCTG CCCCACACCC AGAGGCTGCT GGAGGTCATC TCCGTGTGTG
15 661 ATTGCCCCAG AGGCCGTTTC TTGGCCGCCA TCTGCCAAGA CTGTGGCCGC AGGAAGCTGC
721 CCGTGGACCG CATCGTGGGA GGCCGGGACA CCAGCTTGGG CCGGTGGCCG TGGCAAGTCA
781 GCCTTCGCTA TGATGGAGCA CACCTCTGTG GGGGATCCCT GCTCTCCGGG GACTGGGTGC
841 TGACAGCCGC CCACTGCTTC CCGGAGCGGA ACCGGGTCCT GTCCCGATGG CGAGTGTGTTG
901 CCGGTGCCGT GGCCCAGGCC TCTCCCCACG GTCTGCAGCT GGGGGTGCAG GCTGTGGTCT
20 961 ACCACGGGGG CTATCTTCCC TTTCGGGACC CCAACAGCGA GGAGAACAGC AACGATATTG
1021 CCCTGGTCCA CCTCTCCAGT CCCCTGCCCC TCACAGAATA CATCCAGCCT GTGTGCCTCC
1081 CAGCTGCCGG CCAGGCCCTG GTGGATGGCA AGATCTGTAC CGTGACGGGC TGGGGCAACA
1141 CGCAGTACTA TGGCCAACAG GCCGGGTGAC TCCAGGAGGC TCGAGTCCCC ATAATCAGCA
1201 ATGATGTCTG CAATGGCGCT GACTTCTATG GAAACCAGAT CAAGCCCAAG ATGTTCTGTG
25 1261 CTGGCTACCC CGAGGGTGGC ATTGATGCCT GCCAGGGCGA CAGCGGTGGT CCCTTTGTGT
1321 GTGAGGACAG CATCTCTCGG ACGCCACGTT GGC GGCTGTG TGGCATTGTG AGTTGGGGCA
1381 CTGGCTGTGC CCTGGCCCAG AAGCCAGGCG TCTACACCAA AGTCAGTGAC TTCCGGGAGT
1441 GGATCTTCCA GGCCATAAAG ACTCACTCCG AAGCCAGCGG CATGGTGACC CAGCTCTGAC
1501 CCGTGGCTTC TCGTGC CGCA GCCTCCAGGG CCCGAGGTGA TCCCGGTGGT GGGATCCACG
30 1561 CTGGGCCGAG GATGGGACGT TTTCTTCTT GGGCCCGGTC CACAGGTCCA AGGACACCCCT
1621 CCCTCCAGGG TCCTCTCTTC CACAGTGGCG GGCCCACTCA GCCCCGAGAC CACCCAACCT
1681 CACCCTCCTG ACCCCCATGT AAATATTGTT CTGCTGTCTG GGA CTCTGT CTAGGTGCC
1741 CTGATGATGG GATGCTCTTT AAATAATAAA GATGTTTGTG ATT

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SEQ ID NO:2. Human Hepsin Polypeptide Sequence (417 a.a.): The protein_id number is "AAA36013.1":

40 NH₂-
1 MAQKEGGRTV PCCSRPKVAA LTAGTLLLLT AIGAASWAIV AVLLRSDQEP LYPVQVSSAD
61 ARLMVFDKTE GTWRLLCSSR SNARVAGLSC EEMGFLRALT HSEL DVRTAG ANGTS GFFCV
121 DEGRLPHTQR LLEVISVCDC PRGRFLAIC QDCGRRKLPV DRIVGGRDTS LGRWPWQVSL
45 181 RYDGAHLCGG SLLSGDWVLT AAHCFPERNR VLSRWRVFAG AVAQASPHGL QLG VQAVVYH
241 GGYLPFRDPN SEENSNDIAL VHLSSPLPLT EYIQPVCLPA AGQALVDGKI CTVTGWGNTQ
301 YYGQQAGVLQ EARVPIISND VCN GADFYGN QIKPKMFCAQ YPEGGIDACQ GDSGGPFVCE
361 DSISRTPRWR LCGIVSWGTV CALAQKPGVY TKVSDFREWI FQAIKTHSEA SGMVTQL
-COOH